

What is Claimed is:

1. A phase shift mask, comprising:

a transparent substrate having a trench-type guard
5 ring pattern for shifting the phase of light transmitted
therethrough by 180° ; and

a half-tone phase shift pattern disposed on the
transparent substrate and surrounded by the guard ring
pattern.

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2. The phase shift mask according to claim 1,
wherein the transparencies of the transparent substrate and
the guard ring pattern are 100%, respectively.

15 3. The phase shift mask according to claim 1,
wherein the transparency of the half-tone phase shift
pattern ranges from 0 to 25%, and the half-tone phase shift
pattern shifts the phase of light transmitted theretrhough
by 0° or 180° .

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